



Process/Product Change Notification (PCN)

General PCN Information

PCN # 23-0156	SOT89 MSL Update (HPA-BTS)	PCN Date	Oct 30, 2023
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Initiator	Kenechi Agbim	Date	Oct 27, 2023
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Post to PCN Alert?	☒ Yes ☐ No	E-mail	PCNresponse@qorvo.com
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Type of Change:	☒ Major ☐ Minor	☐ Obsolescence
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Change Affects ☐ Form ☐ Fit ☐ Function ☐ Reliability ☐ N/A
☒ Other: update MSL classification

Description of Change: Update of MSL classification from MSL3 to MSL5a

Reason for Change: MSL reclassification to mitigate moisture absorption

Detail of potential impact to customer: Follow JEDEC handling instructions per MSL classification. No impact to form, fit, function. Handle parts as MSL5a even if label notes MSL3.

Affected Products: AG604-89G, QPA5389A, QPA6489A, QPA7489A, RFGA2044, RFGA2054, SBB1089Z, SBB2089Z, SBB3089Z, SBB4089Z, SBB5089Z, SXA389Z, TQP369180, TQP369182, TQP369185, TQP3M9007, TQP3M9008, TQP3M9009, TQP3M9028, TQP7M9101, TQP7M9102, TQP7M9103, TQP7M9105

Comments and/or Supporting Data:

The following only applies to Major and Minor Changes

Affected Product Specification (if applicable): Datasheet will be updated with MSL rating change

Qualification Plan or Data (if applicable): Reliability data available upon request. Please reference the PCN number.

Customer Samples Available (if applicable): Jan 1, 2024: Samples available after January 1, 2024 based on material availability.

Please contact kenechi.agbim@qorvo.com and reference the PCN number.

Qualification Results Available (if applicable): N/A

Planned First Ship Date: Nov 1, 2023: Will ship sooner with customer approval

Identification of Changed Product (if applicable): Traceability will be maintained in Qorvo internal traceability system.

Customer Acknowledgement/Responses: All Customer responses must be sent via e-mail to PCNResponse@qorvo.com. When replying, please include the PCN number in subject line. Customers should acknowledge receipt of the PCN within 30 days of delivery of the PCN. Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change. Any concerns, sample order response, or a request for further information must be provided within the acknowledgement period. If additional time is required to determine if samples or additional data is required, the customer must submit this request along with the acknowledgement response and state when they expect to complete their review. After acknowledgement, lack of additional response prior to the planned first ship date constitutes acceptance of the change. If the customer requires additional time to perform sample testing, beyond the stated planned first ship date, an extension must be negotiated with Qorvo. Acceptance of the PCN prior to the planned first ship date is considered approval to begin shipments early. Any contractual PCN agreements made with Qorvo supersede these requirements.

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